

Form PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEDOCKET NO.:
B-1537

SERIAL NO.:

LIST OF ART CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANT:

FILING DATE:

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FEB 06 2002
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*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
cy	A	4,438,253	03/20/1984	Casey et al.	528	86	
	B	4,946,686	08/07/1990	McClelland et al.	424	473	
	C	5,278,201	01/11/1994	Dunn et al.	523	113	
	D	5,462,990	10/31/1995	Hubbell et al.	525	54.1	
	E	5,646,131	07/08/1997	Badwan et al.	514	58	
	F	5,702,717	12/30/1997	Cha et al.	424	425	
	G	5,858,746	01/12/1999	Hubbell et al.	435	177	
	H	6,004,573	12/21/1999	Rathi et al.	424	426	
	I	6,060,582	05/09/2000	Hubbell et al.	528	354	
	J	6,083,524	07/04/2000	Sawhney et al.	424	426	
u	K	6,117,949	09/12/2000	Rathi et al.	525	415	

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		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
u	L	WO 99/07343	02/18/1999	PCT	9	10	X	
u	M	WO 99/18142	04/15/1999	PCT	65	32	X	

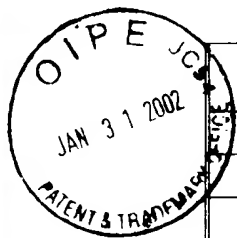
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u	N	Alexandridis, P. et al., "Micellization of Poly(ethylene oxide)-Poly(propylene oxide)-Poly(ethylene oxide) Triblock Copolymers in Aqueous Solutions. Thermodynamics of Copolymer Association." Pg. 2414-2425. 1994.					
	O	Bellare, JR. et al., "Controlled Environment Vitrification System: An Improved Sample Preparation Technique." Pg. 87-111. 1988.					
	P	Brown, W. et al., "Micelle and Gel Formation in a Poly(ethylene oxide)-Poly(propylene oxide)-Poly(ethylene oxide) Triblock Copolymer in Water Solution. Dynamic and Static Light Scattering and Oscillatory Shear Measurements." Pg. 1850-1858. 1991.					
	Q	Cau, F. et al., " ¹ H-NMR Relaxation Studies of the Micellization of a Poly(ethylene oxide)-Poly(propylene oxide)-Poly(ethylene oxide) Triblock Copolymer in Aqueous Solution." Pg. 170-178. 1996.					
	R	Chen, G. et al., "Graft Copolymers That Exhibit Temperature-Induced Phase Transitions Over a Wide Range of pH." Pg. 49-52. 1995.					
	S	Deng, Y. et al., "Thermodynamics of Micellization and Gelation of Oxyethylene Oxypropylene Diblock Copolymers in Aqueous Solution Studied by Light Scattering and Differential Scanning Calorimetry." Pg. 1441-1446. 1992.					

u		Gudowska, A. et al., "Effect of Temperature on the Micellization of Poly(ethylene oxide)-Poly(propylene oxide) Triblock Copolymers." Pg. 100-104. 1997.					
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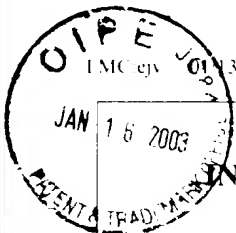
W	Hill-West, J.L. et al., "Inhibition of Thrombosis and Intimal Thickening by in situ Photopolymerization of Thrombotic Barriers." Pg. 5967-5971. 1994.
X	Israelachvili, J.N. "Intermolecular and Surface Forces." Pg. 102-106 & 207-208. 1985.
Y	Jeong, B. et al., "Biodegradable Block Copolymers as Injectable Drug-Delivery Systems." Pg. 860-862. 1997.
Z	Jeong, B. et al., "Biodegradable Thermoreversible Gelling Polymer With a Maximum Modulus at Body Temperature." Pg. 1-13. 2000.
AA	Jeong, B. et al., "Biodegradable Thermosensitive Micelles of PEG-PLGA-PEG Triblock Copolymers." Pg. 185-193. 1999.
BB	Jeong, B. et al., "Drug Release From Biodegradable Injectable Thermosensitive Hydrogel of PEG-PLGA-PEG Triblock Copolymers." Pg. 155-163. 2000.
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FF	Jeong, B. et al., "Thermogelling Biodegradable Polymers With Hydrophilic Backbones: PEG-g-PLGA." Pg. A-F. 2000.
GG	Jeong, B. et al., "Thermoreversible Gelation of PEG-PLGA-PEG Triblock Copolymer Aqueous Solutions." Pg. 7064-7069. 1999.
HH	Jeong, B. et al., "Thermoreversible Gelation of Poly(Ethylene Oxide) Biodegradable Polyester Block Copolymers." Pg. 751-760. 1998.
II	Jhon, M.S. et al., "Water and Hydrogels." Pg. 509-522. 1973.
JJ	Johnston, T.P. et al., "Sustained Delivery of Interleukin-2 From a Polymer 407 Gel Matrix Following Intraperitoneal Injection in Mice." Pg. 425-434. 1992.
KK	Malmsten, M. et al., "Self-Assembly in Aqueous Block Copolymer Solutions." Pg. 5440-5445. 1992.
LL	Odian, G. "Principles of Polymerization." Pg. 512-515. 1981.
MM	Rosiak, J.M. et al., "Hydrogels for Biomedical Purposes." Pg. 335-339. 1995.
NN	Stile, R.A. et al., "Synthesis and Characterization of Injectable Poly(N-isopropylacrylamide)-Based Hydrogels That Support Tissue Formation in Vitro." Pg. 7370-7379. 1999.
OO	Tanodekaew, S. et al., "Gelation of Aqueous Solutions of Diblock Copolymers of Ethylene Oxide and D,L-Lactide." Pg. 3385-3395. 1997.
PP	Thomas, J.L. et al., "Tuning The Response of a pH-Sensitive Membrane Switch." Pg. 2949-2950. 1995.
QQ	Wanka, G. et al., "The Aggregation Behavior of Poly-(oxyethylene)-Poly-(oxypropylene)-Poly-(oxyethylene)-Block-Copolymers in Aqueous Solution." Pg. 101-117. 1990.
RR	Wout, Z.G.M. et al., "Poloxamer 407-Mediated Changes in Plasma Cholesterol and Triglycerides Following Intraperitoneal Injection to Rats." Pg. 192-200. 1992.
SS	Yang, Z. et al., "Effects of Block Structure on the Micellization and Gelation of Aqueous Solutions of Copolymers of Ethylene Oxide and Butylene Oxide." Pg. 2371-2379. 1994.
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EXAMINER

Tae H. Yoon

DATE CONSIDERED

7-24-03



LMC:ejv 01/13/2003 23-65303 B-1537 163055

INFORMATION DISCLOSURE STATEMENT

BY APPLICANT

Docket: 23-65303

App: 09/833,460

Applicant: Byeongmoon Jeong & Anna Gutowska

Filed: April 11, 2001

Art Unit: 1713

U.S. PATENT DOCUMENTS

Init.*		Number	Date	Name	Class	Sub	Filed
2		5,213,580	5/1993	Slepian et al.			
		5,575,815	11/1996	Slepian et al.			
		5,634,946	6/1997	Slepian			
		5,662,609	9/1997	Slepian			
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		6,352,682	3/2002	Leavitt et al.			
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		Number	Date	Country	Class	Sub	
M		WO 9603112	2/1996	Filler et al.			

not in conformance and not considered - send copy

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PATENT AND TRADEMARK OFFICEDOCKET NO.:
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09/833,460LIST OF ART CITED BY APPLICANT
(Use several sheets if necessary)

APPLICANT: BM Jeong et al.

FILING DATE:
04/11/2001

GROUP:



PATENT DOCUMENTS

*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)

107	A	Behraves, E. et al., "Synthesis and Characterization of Triblock Copolymers of Methoxy Poly(ethylene glycol) and Poly(propylene fumarate)." Pg. A-F. 2001.

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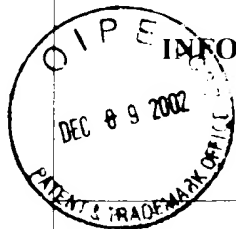
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**INFORMATION DISCLOSURE
STATEMENT**

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Init.*	Number	Date	Name	Class	Sub	Filed
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4	Betre, H. et al., "Injectable Elastin-Like Polypeptide for Cartilage Repair," 47 th Annual Meeting, Orthopaedic Research Society, p. 601 (February 25-28, 2001).
2	Meyer, DE. et al., "Drug Targeting Using Thermally Responsive Polymers and Local Hyperthermia," <i>Journal of Controlled Release</i> , Vol. 71, pp. 213-224 (2001).
2	Moiseev, L., "Temperature-Dependent Properties of Elastin-like Polypeptides (ELP)," http://www.bu.edu/mcbh/calendar_of_events/abstracts/moiseev_abstract.htm , (January 21, 2000).



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STATEMENT**

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			Raucher, D. et al., "Enhanced Uptake of a Thermally Responsive Polypeptide by Tumor Cells in Response to its Hyperthermia-mediated Phase Transition," <i>Cancer Research</i> , Vol. 61, pp. 7163-7170 (October 1, 2001).
			"Genetically Engineered Biomolecules May Help Cancer Treatment Delivery," http://www.dukenews.duke.edu/Daily00-01/chil.htm , (March 9, 2001)
			Chilkoti, A. et al., "A genetically Engineered Polypeptide Carrier for Thermal Targeting of Therapeutics."
24			R.T. Piervincenzi Article - Research Interests: Exploring Protein Engineering to Develop Novel Molecular Tools for Improving Applications in the Fields of Drug Delivery and Biosensor Development.

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